

Amateur TRW radio Club WB6WPO

cross talk

A MONTHLY NEWS BULLETIN OF TRW AMATEUR RADIO CLUB

WAC
WAS
DXCC
FD'74



Sponsored by Systems Employee Association

Vol. VIII, No. 1 January 1974

TRW/ARC Saturday Nets 10AM PDT

Primary	7.28 MHz
Alternate	3.98 MHz
Simplex	146.55 MHz

TRW/ARC Ham of the Year '73

This year your new Crosstalk editor (acting) asked himself, "If Time is able to have a 'Man of the Year', then why can't Crosstalk have its 'Ham of the Year'?" And since the answer is obvious, we have selected Greg Loegering for that honor. We hope that by so doing we can focus on outstanding members in the club that in some way exemplify what Amateur Radio is all about.

Greg (WA6SMS) is presently a Junior at Mira Costa High School, taking such subjects as physics, algebra, trigonometry, and third year electronics. He got his start in ham radio thru a casual interest in CB, and the personal involvement of Doug Freeman (W6NHX) explaining to the young lad about the wonderful world of amateur radio. Greg participated in Novice Class held by TRW/ARC and in July 1972 received his ticket. His first rig was an HW-16.

By December 1972, Greg had taken his General exam, and six months after that he received his Advanced ticket. Greg now operates a Swan 270B and can

often be found mobile on 40 meters. In addition to participating in the Saturday morning TRW/ARC Net, he has been known to be Control for WESCARS on 7.255 MHz.

Greg's other interests include guitar, going to the beach, and body surfing. His career goal is to become an Electronics Engineer, and to attend school at San Luis Obispo.

JANUARY MEETING NOTICE
R2-1055 1/30/74 Noon
The Baja 1000
by
Doug Freeman, W6NHX
Door Prizes, too!!

TRW/ARC Ham of the Year '73 Greg Loegering



Photo by Dave, WB6IDJ

TRW/ARC 1974 Goals/Budget/Activities/Calendar

by F. X. Halligan, WB6GBC

Club Purpose (also see Constitution):

- o To further the exchange of information and cooperation between members
- o To promote radio knowledge, fraternalism, and individual operating proficiency
- o To conduct club programs and activities as to advance the general interest and welfare of amateur radio in the community

Proposed Budget

<u>Sources of Funds</u>		<u>Uses of Funds</u>	
Dues	\$300	CU Note (FM Rig)	\$235
QSL Sales (net)	50	Field Day '74	150
Training Classes (net)	50	New Station Equipment	275
Door Prizes (net)	50	Station Maintenance	100
SEA Allotment	400	Contingency/Office	90
Total	\$850	Total	\$850

Planned/proposed Activities/Calendar

<u>Member programs</u>	<u>Station WB6WPO Bldgs 65/M1</u>
Monthly Meeting--Programs	Feb/Mar Phone Contests
An Evening "eyeball" QSO Session	Saturday Morning Net Operations
Annual Fall Hamfeast	RACES (Radio Amateur Civil Emergency Service) Community Support
June Field Day Contest	Complete Installation of M1 Equipment
Training Program (Novice, General)	Establish Teletype Operations
Mobile Transmitter Caravan	Establish Amateur Radio Satellite Communications Capability
DXpedition to ?	Continue the Replacement and Maintenance Program for Station Equipment
Field Trip to a Communications site	Provide an Equipment Loan Program for members
Membership Campaign	
Public Service Activities (communications)	
QSL Managership	
Homebrew Show and Tell Contest	

Saturday Net Operations

The Saturday 10AM TRW/ARC will soon have its third anniversary of operations. It came into existence rather informally when Frank (WB6GBC) and Nelson (W6VBB) set up the schedule for 10AM on 40 meters, and it has been a hit ever since. It's present purpose is to allow a common meeting place for members who wish to exchange signal reports, ideas, technical information, or even just to ragchew a bit.

You will notice that on page 1 of this Crosstalk, that an alternate frequency of 3.98 MHz is listed, and if you've been on 40 lately you'll know that this "daylight savings" time is killing us. It is strongly recommended that in the future that 75 meters become the primary meeting place so that we can all listen in comfort. And who knows, with all the ICOM 230's proliferating in the club (would you believe six?), we may soon have regular nets on 2 meter FM Simplex.

Club members logged by WB6WPO during the last month include: K6AWO, W6EKK, W6FQ, WB6GBC (WB6WPO), WA6JHD, WB6KHF, W6KQI, WA6LIJ, W6NHX, W6OIC, K6OMD, WA6PAS, WA6RJF, WA6SMS, W6UMC, W6VBB, WA6VCZ, WB6WDS, W6YCZ, K6YQ, and W7BM.

The Torch Has Passed

by F. X. Halligan

Well, now that we have defined the club's 1974 goals, budget, activities, and calendar.....here comes the tough part. I have been quoted as saying "that the burden of many offtimes falls on too few", and I believe that in the past some of the club's goals and activities have suffered from that premise. Hence, as we move thru 1974, there is no doubt in my mind that success depends on all those members who participate in the many activities that are planned.

On the last page of the Crosstalk this month is an organization chart showing the key positions that I feel are necessary to achieve our 1974 goals. You will also note that there are many slots still unfilled (more about that later). I wish to express my appreciation to those who have already accepted a position on the chart, and especially to Ollie (W6OIC) who is continuing in the relatively new job as Contest Chairman, to Jack (WN6QKM) who is on his third year as QSL Mgr and custodian of the club mail box in Bldg-S, and to Al (W6KQI) who begins his third year in the very formidable task of educating all of us thru his Training Courses.

You'll note that there are some new staff positions that have been filled already this year. You have already noted Dave's (WB6IDJ) handiwork behind the camera lens; he'll be our Crosstalk Photographer in the coming year and this will be in keeping with the editor's goals of substituting a photo for 10,000 words!! Meanwhile Ed (WA6JHD) comes to us well qualified to handle the position of Archivist/Historian by virtue of possessing every Crosstalk ever published (and that goes back to 1965). Ed has always expressed the wish to put together a small historical brochure on the club since its founding in 1959, plus outlining the gear available to its members.

Cec (WB6KHF) has been appointed as Associate Member Representative, as up until now our 38 Assoc Members have had neither voice nor vote in club activities. Roger (K6SSN), as past Activity Manager and hot-shot awards hunter for the club, fall naturally into the position of Awards Chairman (our wallpaper in Shack #2 will be the object of envy of all those in the amateur community). Herb (W6FQ, bless his call) will represent our club at the LA Council of Amateur Radio Clubs. And we are grateful to Frank (WA6RJF) for taking on the responsibilities of Membership Chairman, and already he is expressing some excellent ideas for club growth and ways for our present training program to help the needs of the community.

Doug (WB6WDS) has graciously accepted the almost unpronounceable position as Parliamentarian for the club, having written the club constitution way back when, I can't think of a more qualified member to interpret the constitution and to remind me when I don't have a quorum for a critical vote in the Executive Committee Meetings. Ed (WA3FVG), as Chairman for Satellite Communications, will develop ways and means to provide a link from WB6WPO to the Amateur Satellites. And last, but certainly not least, I would like to express our appreciation to Paul (K6YQ) for accepting the almost inhuman task of Field Day '74 Chairman-in-Charge. Paul will be busy planning ahead for our June Operations; and, as you can see from the organization chart, there are many choice positions available. So don't hesitate to radio, write, or call Paul now if you can see a place that you can help.

Help Wanted (or Involvement Invited)

by F. X. Halligan, WB6GBC

As discussed on the previous page, it takes the participation of the members of TRW/ARC (no matter how few or many hours can be spared) to make the club a success. Below are listed some ways that you may wish to participate, in addition to the many activities for the general membership. Call me if you think you can help.

CrossTalk Publication

- o Position of Editor/Publisher: Requires the ability to assemble the club news bulletin on a monthly basis. In addition to one's own editorial contributions, the purpose of the bulletin is to provide the membership with a sounding board for opinions, and the opportunity to contribute their own technical articles and other news that's fit to print. Perfect position for the frustrated journalism major that's working at TRW to make a living.
- o Position of Associate Editor: To assist the editor/publisher in assembling the club bulletin, and to spread the work load to meet the monthly publication deadline. Good opportunity to get the inside track on club operations and become the future editor.
- o Position of Circulation Mgr: To provide the much needed support for the reproduction and mailing cycle of the CrossTalk. Must not be allergic to glue found on back of postage stamps.

Other Staff Positions

- o Publicity Chairman: As the title suggests, this individual will be responsible to spread the good word on club meetings, events, and other special activities both in the company organs as well as the outside news media. Good opportunity for the creative!!
- o RACES Coordinator: TRW/ARC is a participating member in the LA RACES organization. This position will require participation in nets and other emergency drills, and coordinate club member activities.
- o SEA Council Rep: In a sense, this is the most important job that is still available to the eager. The task involves participating in the SEA Club Council meetings, held for a brief 30 minutes monthly; and on a quarterly basis to bring home the "bread" (our club allotment).
- o Training Assistant: The club is committed to as many as six Novice, General, Technician, and Extra code/theory classes this coming year. Al Lee will be looking for all the training support the membership can provide. If you wish to become an instructor or participate as training assistant, contact Al(W6KQI) directly.
- o Field Day Team Captains: Staffing has already begun for FD '74, if you have been on field day before I am sure you can appreciate what a tremendous amount of planning and effort goes on to make it the success it has been for TRW/ARC in past years. Contact Paul (K6YQ) for further information on how you can help.

Secretary's Report

By Joel R. Wineman, WA6WRB

A pre-Executive Board meeting was held in Bldg-S Cafeteria on Wednesday, January 9th, noontime. The general get acquainted luncheon was held and no official business was discussed.

The First Executive Board meeting of 1974 was held in E1/3068, on January 16, noontime. Present were Halligan, Kennedy, Freeman, Lee, Weisz, and Wineman.

Old Business: February DX Contest: Freeman indicated that although new equipment is needed (Rotor, External VFO, et al), the phone portion of the contest will be entered the first week of February at WB6WPO. Operators are needed.

FM Rig Security: Freeman voiced, per our new insurance policy, that the ICOM Rig must be kept under key control and PMA's are to be used to remove the Rig temporarily from the Site. A locking device to secure the rig to a table top is being investigated. The rig will not be permanently installed until security arrangements are completed.

Shack #2: Al Lee has acquired the use of the Bldg M1 West Lobby for our second club station location. Details of operation times and access are being worked out.

FM Rig Insurance: Halligan presented the details on the insurance policy for the ICOM 230. The policy is an All Risk, 25\$ deductible coverage. The premium is \$50 for 3 years.

FM Rig: Weisz announced that two no cost mods will be installed in the new rig. 1) A crystal change in order to use Repeater ABE; 2) An A/B switch to interchange up and down frequencies. Freeman is to coordinate the final mods with the rep.

Club Constitution: Halligan deferred any further discussion on possible changes at the present time.

New Business: Training Classes: Al Lee said so far eight people have signed up for the General Class, and two have signed for the Extra Class courses. More are expected to attend the classes which start the week of January 21st. Notices have been posted on the company bulletin boards.

LA Electronix: Has advised the club that discounts of 10% will be given on orders of \$100, or more; no discounts will be allowed for Swan equipment.

President's Briefing: Halligan presented a series of charts detailing his concept of the club's goals. The charts included budget, staff, Field Day, CrossTalk, meeting programs, WB6WPO operation and club activities. The Board members commented on each chart and agreed that the charts should be reprinted in the CrossTalk. (Editor's/President's note: this CrossTalk issue will carry an abbreviated detail of the chart presentation that are of general interest.)

Meeting adjourned at 1305 PDT.

TREASURER'S REPORT

By JERRY DEAN, WA6GVO

Balance on hand 6 December 1973 \$ 354.11

Receipts:

Dues (renewals)	\$ 2.00
QSL Card Orders	16.50
Total	\$ 18.50

Expenses:

QSL Card Printing	\$ 14.50
Bank service charge	7.06
Postage	11.90
ARRL (door prize)	7.00
Total	\$ 40.46

Balance on hand 31 December 1973 \$ 332.15

Liabilities:

Credit Union Loan	\$ 225.00
Interest	9.10
Total	\$ 234.10

CrossTalk Circulation Information

In the future, complete rosters of club members will not normally be printed. However, by popular demand we will have a listing by member call in the next issue of the CrossTalk. Present circulation is to 91 full members, 39 associate members, and to 19 outside organizations or individuals. As a matter of interest, listed herein are those outside organizations/individuals receiving this issue:

Aeronautical Center ARC (Oklahoma City), Art Bliss (K6TJD), Downey ARC (Norwalk), Palisades ARC (Culver City), John Griggs (W6KW), George Hart (W1NJM), Electronic City (Burbank), Ray Meyers (W6MLZ), Lockheed ARC (Burbank), West Valley ARC (Woodland Hills), VHF Reporter (Lakewood), San Fernando Valley ARC (Sun Valley), Eugene Violino (W6INH), LA Electronix (Torrance), John Williams (TRW-ARC Cleveland), United ARC (San Pedro), Santa Barbara ARC (Santa Barbara), and McDonnell Douglas Astronautics ARC (Huntington Beach).

Technical Articles Solicited

The CrossTalk needs your contributions. Technical and informative articles are solicited for future issues. Have you got a subject that would be of general interest to present at our regular monthly meetings?? If so, get in touch with the Program Chairman (that's Frank Cartier, our new Veep) so that you can be scheduled. If you have any suggestions for future club programs, contact Frank C.

TRW SYSTEMS AMATEUR RADIO CLUB
CONSTITUTION

ARTICLE I NAME AND PURPOSE

Section 1. The name of this organization shall be the TRW Systems Amateur Radio Club, hereinafter referred to as the club. It shall be the purpose of the club to further the exchange of information and cooperation between members, to promote radio knowledge, fraternalism and individual operating proficiency, and to so conduct club programs and activities as to advance the general interest and welfare of amateur radio in the community.

ARTICLE II MEMBERSHIP AND VOTING

Section 1. All persons interested in amateur radio shall be eligible for membership. Membership shall be by application upon such terms as the club shall by its By-Laws provide.

Section 2. Classes of membership shall be:

Full members, who shall be employees of TRW Systems, and who shall have all rights and privileges of membership including that of voting.

Associate members, who shall be those active members not employed by TRW Systems. Associate members shall have all rights and privileges of membership excluding that of voting.

Honorary members, who shall be those special members recognized by vote of the membership for particular interest in and/or service to the club. This class of membership has no voting or other privileges.

ARTICLE III OFFICERS

Section 1. The officers of the club shall be: a President, a Vice-President, a Secretary, a Treasurer, an Activity Manager and a Club Station Trustee. These officers and the immediate past President shall constitute the club executive committee for the purpose of conducting regular club business.

Section 2. Eligibility for election to club office is restricted to full members. No officer shall serve in the same office for more than two consecutive terms, except the club station trustee, who may serve indefinitely so long as he is a full member of the club and properly licensed by the F.C.C.

Section 3. The officers of the club shall be elected for a term of one year by ballot of the members present, provided there be a quorum, at the regular December meeting. Absentee ballots may be included in determination of a quorum. Recommendations of the nominating committee will be presented, and nominations from the floor will be received, at the regular November meeting.

Section 4. Vacancies occurring between elections must be filled by special ballot, at the first regular meeting following announcement of the withdrawal or resignation.

Section 5. Officers may be removed on motion by a three-fourths vote of the membership.

ARTICLE IV DUTIES OF THE OFFICERS

Section 1. The President shall preside at all meetings of the club, and conduct the same according to the rules adopted, he shall enforce due observance of this Constitution and By-Laws; decide all questions of order; sign all official documents that are adopted by the club, and perform all customary duties pertaining to the office of president.

Section 2. The Vice-President shall assume all the duties of the president in the absence of the latter. The Vice-President shall also be responsible for all club meeting programs.

Section 3. The Secretary shall keep a record of the proceedings of all meetings, carry on all correspondence, read communications at each meeting, and mail written notices to each member of every meeting of the club, except when excused from such action by the By-Laws. It shall be the duty of the secretary to keep the Constitution and By-Laws of the club and have the same with him at every regular and special meeting. He shall cause all amendments, changes and additions to be noted thereon and shall permit the same to be consulted by members upon request. He shall at the expiration of his term turn over all items belonging to the club to his successor.

Section 4. The Treasurer shall receive and receipt for all monies paid to the club; he shall keep an accurate account of all monies received and expended. He shall pay no bills without proper authorization (by the club or its officers constituting the executive committee). He shall submit an itemized statement of disbursements and receipts each month. He shall maintain a complete and current membership list and shall provide copies to members of the executive committee. He shall prepare for submission to the TRW Systems Employees Association all required quarterly and annual statements. He shall provide for an annual audit of the club financial records.

Section 5. The Activity Manager shall organize club activities, plan and recommend contests for operating benefit, and so advance club interest and activity as approved by the club. He shall serve as operating manager of the club station.

Section 6. The Club Station Trustee shall be the principal licensee of the club amateur radio station, and shall be responsible for maintaining its license. He shall endeavor to provide the club station with the highest available class of amateur license privileges.

ARTICLE V MEETINGS

Section 1. The By-Laws shall provide for regular and special general meetings. At general meetings, twenty percent (20%) of the full members shall constitute a quorum for the transaction of business. On matters requiring a vote of the membership, absentee ballots may be included in determination of a quorum.

Section 2. The By-Laws shall provide for regular and special meetings of the executive committee. At executive committee meetings, a majority of four (4) members of the committee shall constitute a quorum for the transaction of business.

ARTICLE VI DUES

Section 1. The club, by majority vote of those present at any regular meeting, may levy upon the general membership such dues or assessments as shall be deemed necessary for the business of the organization within its objectives. Non-payment of such dues or assessments shall be cause for expulsion from the club as provided by the By-Laws. No dues will be assessed to honorary members.

ARTICLE VII AMENDMENTS

Section 1. This Constitution may be amended by a two-thirds (2/3) majority of the full members present, provided all members have been notified in writing of the intent to amend the Constitution at a specific meeting. Proposals for amendments shall be submitted to the membership in writing prior to the meeting at which the vote will be taken.

Section 2. The By-Laws may be amended by majority vote of those present, provided all members have been notified in writing of the intent to amend the By-Laws at a specified meeting. Proposals for amendments shall be submitted to the membership in writing prior to the meeting at which the vote will be taken.

ARTICLE VIII RULES

Section 1. Robert's Rules shall govern proceedings.

TRW SYSTEMS AMATEUR RADIO CLUB

BY-LAWS

Section 1. General Meetings

Regular meetings shall be held on the last Wednesday of each calendar month at such time and place as the president shall order. The secretary is not required to mail notice of regular meetings to the members. Special meetings may be called by the president upon the written request of any five club members, or upon approval of the executive committee. Notices shall be sent to members concerning special meetings and the business to be transacted. Only such business as designated shall be transacted. Such notices shall be so sent that by ordinary delivery they arrive 24-hours before the meeting time. Such notices shall also include ballots, when appropriate, for the use of members unable to be present at the meeting. Company mail shall be considered ordinary delivery.

Section 2. Executive Committee Meetings

Regular executive committee meetings shall be held on the Wednesday of each month two weeks prior to the regular general meeting at such time and place as the president shall order. Special meetings may be called by the president upon request of any member of the executive committee.

Section 3. Dues

A regular yearly assessment of \$2.00 per member is hereby assessed in accordance with the provisions of Article VI of the Constitution for the purpose of providing funds for current expenses.

Section 4. Membership

Application for membership shall be submitted to the club treasurer, and will be accepted upon payment of dues. Acceptance of a membership card constitutes agreement by the applicant to abide by the Constitution, By-Laws and rules promulgated by the club. Members are individually responsible for notifying the treasurer of changes in mail location and/or telephone number. Membership will be terminated 30 days after expiration, provided at least two written notices of expiration have been sent by the club treasurer to the mail location of record.

Section 5. Club QSL Cards

Club QSL cards shall only be made available to full or associate members holding valid amateur radio licenses. Charge to members for QSL cards will be based on cost to the club.

Section 6. Club Station

A club member using the club station will abide by the rules of the Station, and the rules of the F.C.C. Club station rules will be determined by the executive committee, with required approval of the club station trustee. In no case will remarks derogatory to the club, its officers, SEA, TRW, or its Customers, including the United States Government, be aired from the club station.